

**THORPE  
NORTH &  
WESTERN LLP**  
SINCE 1979  
THE TEAM APPROACH TO PREMIER PERFORMANCE ®

INTELLECTUAL PROPERTY LAW

PATENTS, TRADEMARKS,

COPYRIGHTS, UNFAIR

COMPETITION, TRADE SECRETS,

LITIGATION, DISPUTE RESOLUTION

AND RELATED MATTERS

**SALT LAKE AREA OFFICE**  
8180 SOUTH 700 EAST, SUITE 200  
SANDY, UTAH 84070-0562  
801.566.6633  
801.566.0750 FAX  
PATLAW@TNW.COM  
WWW.TNW.COM

**U.S. MAILING ADDRESS**  
P.O. Box 1219  
SANDY, UTAH 84091-1219

**LAS VEGAS AREA OFFICE**  
OF COUNSEL: NEIL J. BELLER †  
7408 WEST SAHARA  
LAS VEGAS, NEVADA 89117  
702.368.7767  
† ADMITTED IN NEVADA

VAUGHN W. NORTH  
M. WAYNE WESTERN  
GARRON M. HOBSON  
PETER M. DE JONGE  
CLIFTON W. THOMPSON  
STEVE M. PERRY  
WEILI CHENG, PH.D.  
DAVID R. MCKINNEY, PE.  
GARY P. OAKESON  
DAVID W. OSBORNE  
DAVID L. STOTT  
JASON R. JONES  
PAUL C. OESTREICH, M.S.  
ERIK S. ERICKSEN, M.S.  
REGISTERED PATENT ATTORNEYS  
NATHAN S. WINESSETT  
OF COUNSEL  
BRYAN K. HANKS  
PATENT AGENT  
ALEX HAYMOND, B.S. EE  
TODD B. ALDER, PH.D.  
JONATHAN M. BENNIS, PH.D.  
AARON M. SMITH, B.S. EE  
WILLIAM T. RALSTON, PH.D. EE  
TECHNICAL CONSULTANTS

CALVIN E. THORPE  
(1938-1999)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir/Madam:

Transmitted herewith for filing is the continuation-in-part patent application of Dr. Chien-Min Sung for **MOLTEN BRAZE-COATED SUPERABRASIVE PARTICLES AND ASSOCIATED METHODS** comprising 25 pages of specification and claims.

  X   Priority of application no. 10/254,057 filed September 24, 2002 in the United States Patent Office is hereby claimed.

Enclosed also are:

  X   3 sheets of drawings with 7 Figures.

\_\_\_ Declaration and Petition.

\_\_\_ Power of Attorney.

\_\_\_ Nonpublication Request Under 35 USC 122(b)(2)(B)(i).

\_\_\_ An Assignment.

EXPRESS MAIL LABEL NO.: EV 315887188

## CERTIFICATE OF DEPOSIT

DATE OF DEPOSIT: 25th July 2003

I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and its address to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Denise Dyer*  
Denise Dyer

07/25/03  
17613 U.S. PTO  
10/627441  
07/25/03

☒ A Certificate of Mailing by "Express Mail" certifying a filing date of July 25, 2003, by use of Express Mail Label No. EV 315887188.

☐ Applicant claims small entity status under 37 CFR 1.9(b) & 1.27(c).

☐ Information Disclosure Statement under 37 C.F.R. § 1.97, PTO Form-1449 with listed references attached (if indicated as being attached by the Information Disclosure Statement). The filing fee has been calculated as shown below.

☒ Metered return postcard.

			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$375		\$750
TOT. CLAIMS	-20 =		x 9 =	\$	x 18 =	\$
IND. CLAIMS	-03 =		x 42 =	\$	x 84 =	\$
MULTIPLE DEPENDENT CLAIMS PRESENTED			\$140		\$280	
ASSIGNMENT FILING FEE			\$ 40		\$ 40	
			TOTAL		TOTAL	

☐ A check in the amount of \$\_\_\_\_\_ is enclosed to cover the filing fee.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 20-0100.

Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 25<sup>th</sup> day of July, 2003.

Respectfully submitted,



M. Wayne Western  
Attorney for Applicant  
Registration No. 22,788

THORPE NORTH & WESTERN, LLP  
P.O. Box 1219  
Sandy, Utah 84091-1219  
Telephone: (801) 566-6633

720  
MWW/DWO/dd

Enclosures

H:\FORMS\Patent\3 - Utility\c - PTO Forms\New App Transmittals\PTO cover ltr.DOC